



June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results*, adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind Act*.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 7

Test Date: March 2008
Code: 12351634
SAU: MSAD 41
School: Penquis Valley High School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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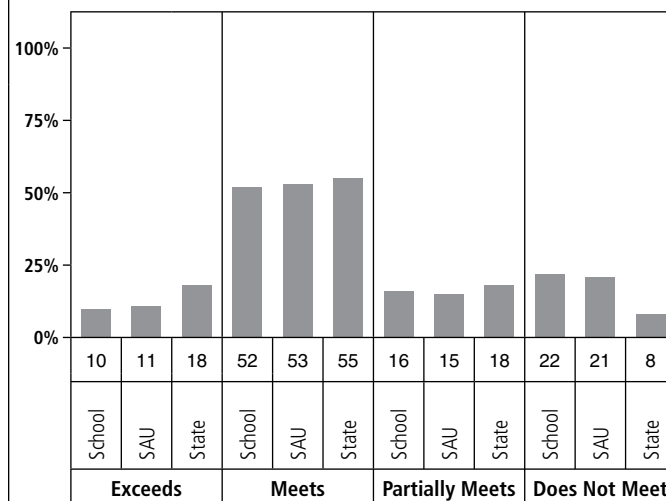
SUMMARY OF SCORES

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

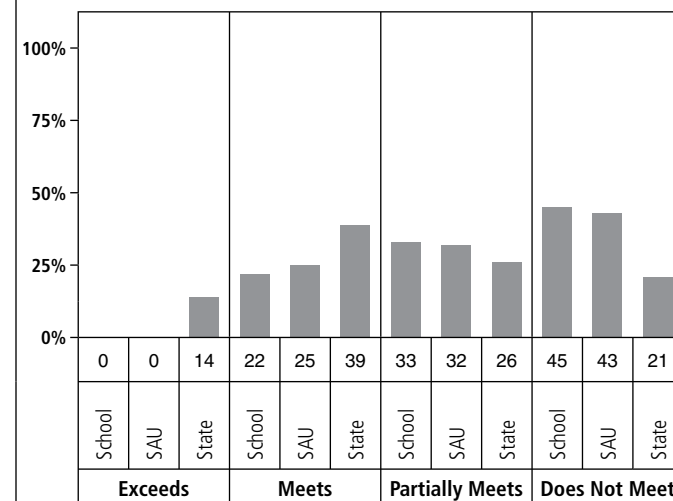
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	736	736	745
2006–2007	743	743	748
2007–2008	742	742	750
Cum. Avg. *	740	740	748
Mathematics			
2005–2006	733	733	740
2006–2007	733	734	742
2007–2008	728	728	743
Cum. Avg. *	731	732	742

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2008
 Grade: 7
 SAU: MSAD 41
 School: Penquis Valley High School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																							
							ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	59	100	54	100	14818	100	58	98	53	98	14698	99	58	98	53	98	14694	99												
Ethnicity African American/Black	1	2	1	2	381	3	1	100	1	100	372	98	1	100	1	100	375	99												
American Indian or Native Alaskan	0	0	0	0	113	1	0	0	0	0	112	99	0	0	0	0	112	99												
Asian or Pacific Islander	0	0	0	0	219	1	0	0	0	0	213	97	0	0	0	0	217	99												
Hispanic	0	0	0	0	178	1	0	0	0	0	176	99	0	0	0	0	177	100												
Caucasian/White	58	98	53	98	13927	94	57	98	52	98	13825	99	57	98	52	98	13813	99												
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Identified disability	18	31	15	28	2556	17	17	94	14	93	2508	99	17	94	14	93	2497	98												
Current LEP	0	0	0	0	363	2	0	0	0	0	352	97	0	0	0	0	360	99												
Economically disadvantaged	36	61	33	61	5461	37	35	97	32	97	5408	99	35	97	32	97	5406	99												
Migrant	0	0	0	0	1	0	0	0	0	0	1	100	0	0	0	0	1	100												

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics																	
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	44	75	42	78	12195	82	44	75	42	78	12215	82												
Identified disability (PET/IEP)	3	7	3	7	418	3	3	7	3	7	421	3												
LEP	0	0	0	0	183	2	0	0	0	0	183	1												
504 plan	2	5	2	5	181	1	2	5	2	5	182	1												
Participation with accommodations	14	24	11	20	2320	16	14	24	11	20	2303	16												
Identified disability (PET/IEP)	14	100	11	100	1912	82	14	100	11	100	1900	83												
LEP	0	0	0	0	159	7	0	0	0	0	173	8												
504 plan	0	0	0	0	56	2	0	0	0	0	55	2												
Other	0	0	0	0	244	11	0	0	0	0	226	10												
Participation through alternate assessment (PAAP)	0	0	0	0	178	1	0	0	0	0	176	1												
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	176	100												
LEP	0	0	0	0	5	3	0	0	0	0	4	2												
504 plan	0	0	0	0	0	0	0	0	0	0	0	0												
Approved non-participation in reading – 1st year LEP	0	0	0	0	5	0																		
Approved non-participation – special consideration	0	0	0	0	27	0	0	0	0	0	28	0												
Non-participation – other	1	2	1	2	93	1	1	2	1	2	96	1												

1 Percents are the percentage of students enrolled in each participation category.

2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 761–780)	2005-2006	2	3	2	4	1769	11
	2006-2007	2	4	2	4	2630	18
	2007-2008	6	10	6	11	2604	18
	Cum. Total*	10	6	10	6	7003	16
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 741–760)	2005-2006	18	28	16	29	7521	49
	2006-2007	28	55	26	55	7605	51
	2007-2008	30	52	28	53	8049	55
	Cum. Total*	76	44	70	45	23175	52
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 729–740)	2005-2006	21	33	18	32	3773	24
	2006-2007	12	24	11	23	3000	20
	2007-2008	9	16	8	15	2672	18
	Cum. Total*	42	24	37	24	9445	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 700–728)	2005-2006	23	36	20	36	2399	16
	2006-2007	9	18	8	17	1620	11
	2007-2008	13	22	11	21	1190	8
	Cum. Total*	45	26	39	25	5209	12

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	56	100	29.8	53.2	30.4	54.3	35.3	63.0
Literary Text	28	50	14.1	50.4	14.5	51.8	17.3	61.8
Informational Text	28	50	15.7	56.1	15.9	56.8	18.0	64.3

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine’s 1997 *Learning Results*, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2008
 Grade: 7
 SAU: MSAD 41
 School: Penquis Valley High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	58	6	10	30	52	9	16	13	22	742	53	11	53	15	21	742	14515	18	55	18	8	750
Ethnicity																						
African American/Black	1										1						365	10	49	19	22	742
American Indian or Native Alaskan	0										0						110	6	52	24	18	744
Asian or Pacific Islander	0										0						211	26	47	20	6	752
Hispanic	0										0						173	12	54	18	15	746
Caucasian/White	57	6	11	30	53	9	16	12	21	742	52	12	54	15	19	743	13656	18	56	18	8	750
Not Reported	0										0						0					
Identified disability																						
Yes	17	0	0	5	29	1	6	11	65	726	14	0	36	0	64	727	2330	2	30	36	32	735
No	41	6	15	25	61	8	20	2	5	748	39	15	59	21	5	748	12185	21	60	15	4	753
Current LEP																						
Yes	0										0						342	8	46	22	24	741
No	58	6	10	30	52	9	16	13	22	742	53	11	53	15	21	742	14173	18	56	18	8	750
Economically disadvantaged																						
Yes	35	3	9	16	46	7	20	9	26	740	32	9	47	22	22	741	5299	9	51	26	14	745
No	23	3	13	14	61	2	9	4	17	744	21	14	62	5	19	745	9216	23	58	14	5	753
Migrant																						
Yes	0										0						1					
No	58	6	10	30	52	9	16	13	22	742	53	11	53	15	21	742	14514	18	55	18	8	750
Gender																						
Female	32	3	9	17	53	6	19	6	19	743	29	10	52	21	17	743	7084	24	55	15	6	752
Male	26	3	12	13	50	3	12	7	27	741	24	13	54	8	25	742	7431	12	56	21	11	747
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	22	1	5	9	41	7	32	5	23	739	21	5	43	29	24	739	946	6	47	34	12	743
No	36	5	14	21	58	2	6	8	22	743	32	16	59	6	19	745	13569	19	56	17	8	750
Gifted/talented program																						
Yes	0										0						574	61	38	1	0	765
No	58	6	10	30	52	9	16	13	22	742	53	11	53	15	21	742	13941	16	56	19	9	749

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA–READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	19	1	9	2	18	2	18	6	55	730	17	11	22	11	56	731	6	9	42	24	25	741
B. less than one hour	60	5	15	21	62	5	15	3	9	747	62	16	59	16	9	746	50	17	56	19	8	750
C. one to two hours	21	0	0	6	50	2	17	4	33	738	21	0	55	18	27	740	40	20	58	16	6	752
D. more than two hours	0										0						4	19	49	21	11	749
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	37	5	24	12	57	4	19	0	0	751	40	24	57	19	0	751	36	24	58	14	5	753
B. They match some of what I have learned.	46	1	4	14	54	2	8	9	35	738	42	5	55	9	32	739	50	16	58	19	8	749
C. They match just a little of what I have learned.	12	0	0	3	43	2	29	2	29	735	13	0	43	29	29	735	11	13	45	26	16	745
D. There is no match.	5	0	0	0	0	1	33	2	67	723	4	0	0	0	100	716	3	4	35	29	31	737
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	20	4	36	5	45	1	9	1	9	750	22	36	45	9	9	750	28	35	52	9	5	756
B. good	41	2	9	16	70	1	4	4	17	746	41	10	71	5	14	747	52	15	60	18	7	750
C. fair	29	0	0	7	44	6	38	3	19	738	27	0	43	36	21	738	18	3	49	33	15	742
D. poor	11	0	0	0	0	1	17	5	83	717	10	0	0	20	80	718	2	2	41	28	29	738
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	13	0	0	1	14	2	29	4	57	726	10	0	20	20	60	726	16	13	48	23	16	745
B. about the same as my regular schoolwork	73	5	12	22	54	6	15	8	20	743	76	13	54	15	18	744	65	18	57	18	7	750
C. easier than my regular schoolwork	14	1	13	6	75	0	0	1	13	748	14	14	71	0	14	747	19	21	57	16	6	752
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	1	17	0	0	1	17	4	67	725	12	17	0	17	67	725	9	5	38	29	28	738
B. Most of the passages were about the same as what I normally read.	59	4	12	17	52	5	15	7	21	743	63	13	53	16	19	744	55	14	57	22	7	748
C. Most of the passages were easier than what I normally read.	30	1	6	12	71	2	12	2	12	745	25	8	77	8	8	747	36	28	58	10	4	755
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	56	5	16	18	58	5	16	3	10	746	56	18	61	14	7	748	44	18	56	18	8	750
B. I tried about the same as I do on my regular schoolwork.	38	1	5	11	52	3	14	6	29	740	38	5	53	16	26	741	51	19	56	17	7	751
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	0	0	3	100	713	6	0	0	0	100	713	5	9	46	26	19	743
How much time do you spend reading at home each day?																						
A. more than one hour	18	2	20	5	50	0	0	3	30	744	17	22	56	0	22	748	17	25	57	13	6	753
B. 20 minutes to an hour	33	2	11	11	58	2	11	4	21	742	29	13	60	7	20	743	45	22	56	16	6	752
C. less than 20 minutes	18	1	10	4	40	3	30	2	20	739	19	10	40	30	20	739	13	14	56	21	9	748
D. I rarely read at home.	32	1	6	9	50	4	22	4	22	741	35	6	50	22	22	741	24	8	53	26	13	745
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	4	100	719	57	0	0	0	100	719						
B.	0										0											
C.	38	0	0	0	0	2	67	1	33	727	43	0	0	67	33	727						
D.	13	0	0	0	0	0	0	1	100	714	0											

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 761–780)	2005-2006	1	2	1	2	1646	11
	2006-2007	0	0	0	0	2142	14
	2007-2008	0	0	0	0	2028	14
	Cum. Total*	1	1	1	1	5816	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (scaled score 741–760)	2005-2006	19	30	17	30	5497	36
	2006-2007	18	35	17	36	5642	38
	2007-2008	13	22	13	25	5703	39
	Cum. Total*	50	29	47	30	16842	38
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 727–740)	2005-2006	21	33	18	32	4514	29
	2006-2007	15	29	15	32	4077	27
	2007-2008	19	33	17	32	3733	26
	Cum. Total*	55	32	50	32	12324	27
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 700–726)	2005-2006	23	36	20	36	3797	25
	2006-2007	18	35	15	32	3001	20
	2007-2008	26	45	23	43	3054	21
	Cum. Total*	67	39	58	37	9852	22

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	16	29	7.1	44.4	7.2	45.0	8.8	55.0
Cluster 2: Shape and Size	14	25	3.6	25.7	3.6	25.7	5.5	39.3
Cluster 3: Mathematical Decision Making	8	14	2.5	31.3	2.6	32.5	3.5	43.8
Cluster 4: Patterns	18	32	4.1	22.8	4.1	22.8	7.9	43.9

- Cluster 1: Numbers and Operations**
A. Numbers and Number Sense
B. Computation
I. Discrete Mathematics (grades 3 and 4 only)
- Cluster 2: Shape and Size**
E. Geometry
F. Measurement
- Cluster 3: Mathematical Decision Making**
C. Data Analysis and Statistics
D. Probability
- Cluster 4: Patterns**
G. Patterns, Relations, and Functions
H. Algebra Concepts
K. Mathematical Communication

Each content standard in the clusters above is defined in Maine’s 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at <http://www.maine.gov/education/lsalt/gles.htm>.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	58	0	0	13	22	19	33	26	45	728	53	0	25	32	43	728	14518	14	39	26	21	743
Ethnicity																						
African American/Black	1										1						372	5	24	25	45	731
American Indian or Native Alaskan	0										0						110	5	30	36	29	736
Asian or Pacific Islander	0										0						216	25	34	23	18	748
Hispanic	0										0						175	9	32	30	29	737
Caucasian/White	57	0	0	13	23	19	33	25	44	728	52	0	25	33	42	729	13645	14	40	26	20	743
Not Reported	0										0						0					
Identified disability																						
Yes	17	0	0	0	0	2	12	15	88	711	14	0	0	14	86	711	2321	2	16	26	55	727
No	41	0	0	13	32	17	41	11	27	735	39	0	33	38	28	735	12197	16	44	26	15	746
Current LEP																						
Yes	0										0						356	7	23	24	45	731
No	58	0	0	13	22	19	33	26	45	728	53	0	25	32	43	728	14162	14	40	26	20	743
Economically disadvantaged																						
Yes	35	0	0	7	20	10	29	18	51	725	32	0	22	28	50	726	5301	5	31	31	33	736
No	23	0	0	6	26	9	39	8	35	732	21	0	29	38	33	732	9217	19	44	23	14	747
Migrant																						
Yes	0										0						1					
No	58	0	0	13	22	19	33	26	45	728	53	0	25	32	43	728	14517	14	39	26	21	743
Gender																						
Female	32	0	0	7	22	12	38	13	41	729	29	0	24	34	41	729	7086	14	40	26	20	743
Male	26	0	0	6	23	7	27	13	50	726	24	0	25	29	46	728	7432	14	38	25	22	743
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	22	0	0	2	9	10	45	10	45	725	21	0	10	48	43	725	946	4	23	36	37	733
No	36	0	0	11	31	9	25	16	44	730	32	0	34	22	44	731	13572	15	40	25	20	743
Gifted/talented program																						
Yes	0										0						575	64	31	3	1	765
No	58	0	0	13	22	19	33	26	45	728	53	0	25	32	43	728	13943	12	40	27	22	742

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 7
SAU: MSAD 41
School: Penquis Valley High School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	19	0	0	2	18	2	18	7	64	719	17	0	22	22	56	721	6	7	29	26	37	734
B. less than one hour	60	0	0	9	26	13	38	12	35	733	62	0	28	34	38	733	50	13	39	26	22	742
C. one to two hours	21	0	0	2	17	4	33	6	50	723	21	0	18	36	45	724	40	15	42	26	17	744
D. more than two hours	0										0						4	16	37	23	24	742
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	11	0	0	0	0	2	33	4	67	719	12	0	0	33	67	719	32	21	40	23	16	747
B. They match some of what I have learned.	56	0	0	9	28	12	38	11	34	731	56	0	31	34	34	731	50	12	42	27	19	743
C. They match just a little of what I have learned.	25	0	0	2	14	5	36	7	50	727	25	0	15	38	46	729	15	7	32	31	30	737
D. There is no match.	9	0	0	2	40	0	0	3	60	727	8	0	50	0	50	728	3	4	17	21	58	726
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	9	0	0	3	60	0	0	2	40	736	8	0	75	0	25	743	25	34	42	13	11	753
B. good	30	0	0	5	29	7	41	5	29	735	31	0	31	44	25	736	47	10	45	27	18	743
C. fair	32	0	0	3	17	7	39	8	44	728	33	0	18	35	47	728	23	3	30	36	32	735
D. poor	30	0	0	2	12	5	29	10	59	720	29	0	13	27	60	720	5	1	17	32	49	729
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	46	0	0	7	27	9	35	10	38	732	49	0	28	36	36	732	36	6	38	29	27	738
B. about the same as my regular schoolwork	45	0	0	6	24	7	28	12	48	727	41	0	29	24	48	728	53	13	42	27	18	744
C. easier than my regular schoolwork	9	0	0	0	0	3	60	2	40	723	10	0	0	60	40	723	11	40	32	15	13	753
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	57	0	0	8	25	13	41	11	34	731	56	0	28	38	34	731	46	12	40	27	21	742
B. I tried about the same as I do on my regular schoolwork.	39	0	0	5	23	5	23	12	55	726	40	0	24	24	52	726	49	16	40	25	19	744
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	0	0	1	50	1	50	723	4	0	0	50	50	723	5	10	27	27	36	736
How often do you use laptops in mathematics class?																						
A. almost every day	9	0	0	0	0	1	20	4	80	708	8	0	0	25	75	710	9	15	37	25	23	742
B. two or three days a week	5	0	0	0	0	1	33	2	67	719	4	0	0	50	50	723	20	13	41	26	20	743
C. two or three times each month	2	0	0	0	0	0	0	1	100	712	2	0	0	0	100	712	30	15	40	27	18	744
D. never or almost never	84	0	0	13	28	16	34	18	38	731	86	0	30	32	39	731	41	13	39	26	23	742
How often do you use calculators in mathematics class?																						
A. almost every day	47	0	0	6	22	11	41	10	37	730	50	0	23	42	35	730	20	17	39	23	22	744
B. two or three days a week	37	0	0	6	29	6	29	9	43	730	35	0	33	22	44	730	29	16	40	25	19	744
C. two or three times a month	9	0	0	1	20	1	20	3	60	728	10	0	20	20	60	728	26	13	40	28	20	743
D. never or almost never	7	0	0	0	0	1	25	3	75	710	6	0	0	33	67	713	24	10	39	27	24	740
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	5	0	0	0	0	1	33	2	67	717	6	0	0	33	67	717	8	7	32	26	35	736
B. 30–45 minutes	44	0	0	5	20	7	28	13	52	727	40	0	24	29	48	729	41	12	38	27	23	741
C. 45–60 minutes	39	0	0	6	27	10	45	6	27	734	40	0	29	43	29	734	41	17	42	24	16	745
D. more than 60 minutes	12	0	0	2	29	1	14	4	57	721	13	0	29	14	57	721	10	15	38	25	22	743
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	4	100	706	57	0	0	0	100	706						
B.	0										0											
C.	38	0	0	0	0	1	33	2	67	715	43	0	0	33	67	715						
D.	13	0	0	0	0	0	0	1	100	700	0											